

USE OF SELECTIVE LABELING TO DETECT AND CHARACTERIZE MOLECULAR INTERACTIONS BY NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY

ABSTRACT

Methods of detecting interactions of a putative ligand with a selectively labeled target molecule, methods of screening for compounds which bind to a selectively labeled target molecule, methods for calculating the dissociation constant of a ligand that binds to a selectively labeled target molecule, and methods to determine the specific amino acids of a target molecule affected by the binding of a ligand, as well as compounds identified by these screening methods, are provided.

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